object light obtained by irradiating the object which is positioned between a slit and the transmission-type hologram with diffused light having passed through the slit; and irradiation light having an incident optical path different from that of the object light.

6. An optical display apparatus, comprising a hologram device and a light source, wherein the hologram is a reflection-type hologram formed by:

light having information of an object; and

reference light having an incident optical path different from that of the light having the information of the object wherein

a reconstructed image of the object is displayed by light from the light source, and wherein

the light having the information of the object is light which is obtained by passing reconstructed light of a transmission-type hologram through a slit which is arranged to be adjacent to the transmission-type hologram on which an image of the object is recorded.

7. An optical display apparatus, comprising a hologram device and a light source, wherein the hologram is a reflection-type hologram formed by:

light having information of an object; and

reference light having an incident optical path different from that of the light having the information of the object, wherein

a reconstructed image of the object is displayed by light from the light source, and wherein

the light having the information of the object is light which is obtained by passing reconstructed light of a transmission-type hologram through: a slit having an aperture which is arranged to be adjacent to the transmission-

type hologram on which an image of the object is recorded; and a cylindrical lens having its generatrix along a longitudinal direction of the aperture of the slit.

13. An optical display apparatus, comprising a hologram device and a light source, wherein the hologram is a reflection-type hologram formed by:

light having information of an object which is obtained by using diffused light diffusing in only one direction of the hologram; and

reference light having an incident optical path different from that of the light having the information of the object, and wherein

a reconstructed image of the object is displayed by light from the light source.

17. An optical display apparatus according to claim 13, wherein the light having the information of the object is light which is obtained by passing reconstructed light of a transmission-type hologram through a slit which is arranged to be adjacent to the transmission-type hologram on which an image of the object is recorded.

Please cancel claim 1.